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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/008,932	11/09/2001	Jeffrey Oliver	100.343US01	4790

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FOGG AND ASSOCIATES, LLC
P.O. BOX 581339
MINNEAPOLIS, MN 55458-1339

EXAMINER

MADAMBA, GLENFORD J

ART UNIT	PAPER NUMBER
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2151

DATE MAILED: 03/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/008,932	Applicant(s) OLIVER ET AL.	
	Examiner Glenford Madamba	Art Unit 2151	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 11-09-01.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on 09 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Talluri et al (hereinafter Talluri), U.S. Patent 6,748,429.

3. Claim 1 discloses a method for effecting a configuration change in a telecommunications system [Figure 3], comprising: receiving a request for a system change [Col 6, Lines 66-67 & Col 7, Line 1], performing a plurality of checks to determine if the current setting of the particular configuration allows the requested change [Col 6, Lines 27-32, 39-46; Col 7, Lines 28-33], updating the system [Col 4, Lines 9-11 & Col 7, Lines 6-11 and 39-48], and carrying out the requested change [Col 4, Lines 12-14, Col 7, Lines 60-67 & Col 8, Lines 1-6].

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4. Claim 2 asserts the method of claim 1, wherein performing a plurality of checks comprises: determining whether the system change request is allowed by a current system configuration [Col 7, Lines 28-33; also Figure 4a, items **417** and **425**].

5. Claim 3 stipulates the method of claim 2, wherein determining comprises: consulting an information database for a valid parameter setting for the system change request [Col 4, Lines 1-9; Col 5, Lines 64-67; Col 6, Lines 1, 9-14; also see Col 8, Lines 44-57].

6. Claim 4 states the method of claim 1, wherein updating the system comprises: changing the rules for other parameters in the system depending upon the current system change request [Col 7, Lines 22-27, 60-64; Col 8, Lines 10-17, 59-67 and Col 9 1-6], and changing the configuration in response to the change request [Col 4, Lines 12-14, Col 7, Lines 60-67 & Col 8, Lines 1-6].

7. Claim 5 identifies the method of claim 4, wherein changing the rules comprises: consulting a set of system change parameter rules for the requested system change [Col 7, Lines 22-27; Col 8, Lines 53-57], consulting a set of other parameter rules for any parameters affected by the requested system change [Col 7, Lines 56-64], and changing the available other parameter rules for each other parameter affected by the requested system change to allow only those other parameter rules that are available

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given the requested system change [Col 8, Lines 10-17; also Col 8, Lines 59-67 & Col 9, Lines 1-6].

8. Claim 6 points to the method of claim 5, wherein changing the configuration comprises: modifying a set of parameter rules for any other parameter required by the requested system change [Col 7, Lines 22-27 and 56-64; Col 8, Lines 10-17].

9. Claim 7 references the method of claim 1, wherein carrying out the configuration change comprises: storing the system change [Col 4, Lines 4-11; also see Col 8, Lines 40-44], and making changes to hardware in the system affected by the system change [Col 1, Lines 56-57, Col 7, Lines 56-67 & Col 8, Lines 1-6].

10. Claim 8 discloses a method for effecting a requested system change in a telecommunications system, comprising: performing a plurality of checks to determine if the current setting of the particular configuration allows the requested [Col 6, Lines 27-32, 39-46; Col 7, Lines 28-33], updating the system [Col 4, Lines 9-11 & Col 7, Lines 39-48], and carrying out the configuration change [Col 4, Lines 12-14, Col 7, Lines 60-67 & Col 8, Lines 1-6].

11. Claim 9 discloses a method for operating a systems operation module in a telecommunications system, comprising: receiving a request for a system change [Col 6, Lines 66-67 & Col 7, Line 1], determining changes to be made to the system to effect

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the system change [Col 7, Lines 22-27], and making the system change [Col 4, Lines 12-14, Col 7, Lines 60-67 & Col 8, Lines 1-6].

12. Claim 10 asserts the method of claim 9, wherein determining changes to be made to the system comprises: consulting an information database for a rule set for the requested system change [Col 4, Lines 1-9; Col 5, Lines 13-14 and 64-67; Col 6, Lines 1, 9-14, and 32-44; also see Col 8, Lines 44-57], and reconciling the requested system change with all system parameters affected by the requested system change [Col 8, Lines 10-17].

13. Claim 11 stipulates the method of claim 10, wherein reconciling comprises: configuring available options for affected parameters according to the rule set for the requested system change [Col 7, Lines 22-27, 60-67 & Col 8, Lines 10-17].

14. Claim 12. The method of claim 9, wherein making the system change comprises: writing a new configuration to a system information database [Col 6, Lines 38-39 and 45-46], and changing hardware of the system to effect the system change [Col 1, Lines 56-57, Col 7, Lines 56-67 & Col 8, Lines 1-6].

15. Claim 13 discloses a systems operation module for a telecommunications system, comprising: a systems operation application interface **307** to provide access

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functions for the system [Col 5, Lines 64-67 and Col 6, Lines 1-5], and a systems operation manager to control system operation **313** [Col 6, Lines 18-24].

16. Claim 14 asserts the systems operation module of claim 13, wherein the systems operation application interface comprises: a data structure containing a plurality of rule sets for a plurality of parameters of the system [Col 6, Lines 8-17; also see Col 8, Lines 40-44], the plurality of rule sets cross referenced with one another to allow reconciling of a change in one parameter with the rules for all other parameters affected by the change in the one parameter [Col 7, Lines 60-67; see also Col 8, Lines 59-67 and Col 9, Lines 1-6].

17. Claim 15 stipulates the systems operation module of claim 13, wherein the systems operation manager further comprises a computer program executable by a computer for causing the computer to perform a method comprising: receiving a request for a system operation [Col 6, Lines 66-67 & Col 7, Line 1], performing a plurality of checks to determine if the current setting of the particular configuration allows the requested change [Col 6, Lines 27-32, 39-46; Col 7, Lines 28-33], updating the system [Col 4, Lines 9-11 & Col 7, Lines 39-48], and carrying out the configuration change [Col 4, Lines 12-14, Col 7, Lines 60-67 & Col 8, Lines 1-6].

18. Claim 16 discloses a telecommunications system, comprising: a system information database containing configuration information for the system **307**; a plurality

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of modules to perform individual system functions **315, 317, 319**, and a systems operation module between the plurality of modules and the system information database, the systems operation module to control all system change events **313** [Col 6, Lines 18-24].

19. Claim 17 asserts the telecommunications system of claim 16, wherein the systems operation module comprises: a systems operation application interface **307** to communicate with the plurality of modules to provide access functions for the system; and a systems operation manager to control system operation **313** [Col 6, Lines 18-24].

20. Claim 18 stipulates the telecommunications system of claim 17, wherein the telecommunications system further includes a computer [Col 1, Lines 56-57, Figure 2], and the systems operation manager comprises a machine readable medium for causing the computer to execute a method comprising: receiving a requested system change [Col 6, Lines 66-67 & Col 7, Line 1], performing a plurality of checks to determine if a current setting of a particular configuration of the system allows a requested change [Col 6, Lines 27-32, 39-46; Col 7, Lines 28-33], updating the system [Col 4, Lines 9-11 & Col 7, Lines 39-48], and carrying out the configuration change [Col 4, Lines 12-14, Col 7, Lines 60-67 & Col 8, Lines 1-6].

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19. Claims 19-25 are rejected for the same reasons cited above for Claims 1-7 as they differ only by their statutory category.

Conclusion

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Faupel et al, Patent No. 6349334, describes a telecommunication network management method and system comprised of a database including information about the managed network. The information is in the form of objects that related to the network elements to be managed and in the form of references between the different objects, with the references indicating the dependencies between the objects. The system handles the locking and unlocking of necessary objects, according to rules, to implement a system change affecting one or more objects.

Jacobs, Patent No. 5761502, describes a system and method for managing telecommunication networks. The invention manages the state of network elements by associating and correlating network events across many different network domains. In addition to correlating network events, the invention infers sources of problems,

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assesses impacts of network events, and provides recommendations based on network state changes.

Jakobson et al, Patent No. 6766368, describes a system and method for efficiently correlating events within a data processing system and then transmitting the messages to various network entities in response to an occurrence of a particular network event. A network mediation device service receives raw message streams from one or more external data sources and passes the streams to the event notification service, which passes it on to the message parsing device for processing. After event correlation service processes the parsed event, it is passed to the network management service for resolution.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Glenford Madamba whose telephone number is 571-272-7989. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on 571-272-3932. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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ZARNI MAUNG
SUPERVISORY PATENT EXAMINER

Glenford Madamba
Examiner
Art Unit 2151